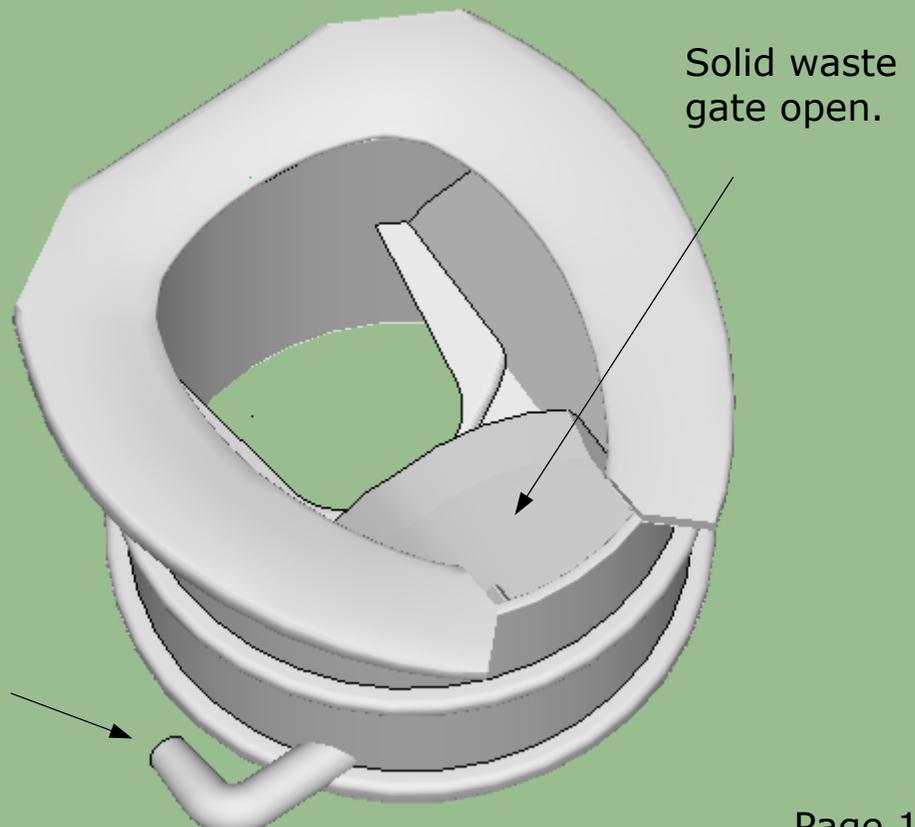
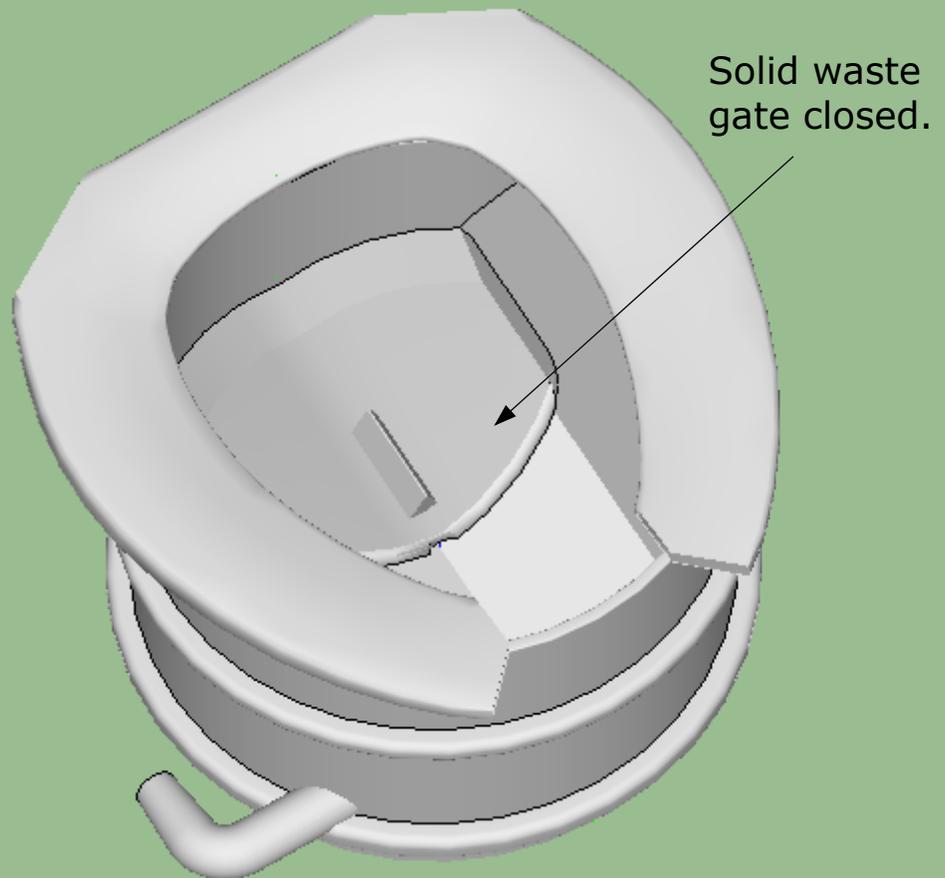


The SimSan BucketMate UD toilet is a simple toilet that not only makes human waste easy to manage, but also valuable, and especially to poor countries which lack fertile soil and food.

Please see www.exnapo.com for further designs.

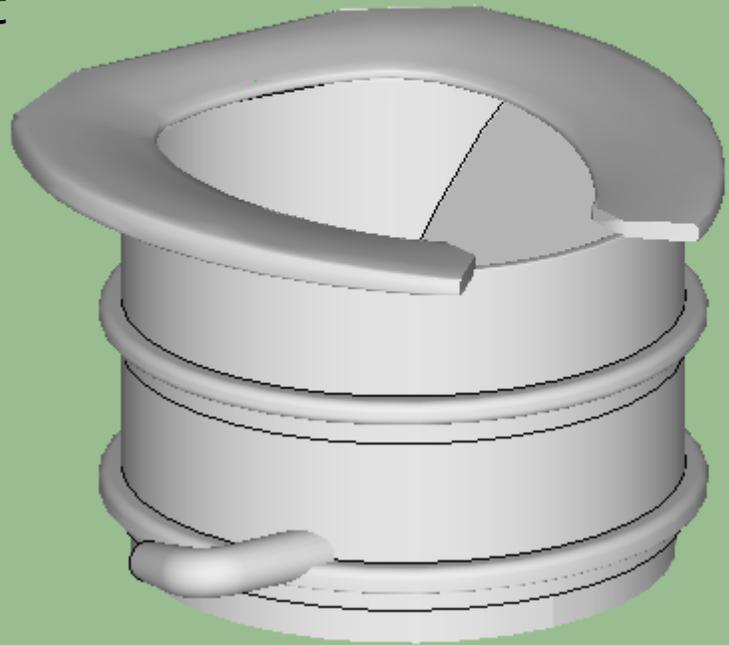
This toilet effectually keeps urine apart from the feces. This unit can simply be set on top of a bucket, or can be built into any type of toilet building.

Urine if kept apart from the feces can be an almost immediate effectual and safe fertilizer, rather than a pathogen carrier and health threat to people and gardens.

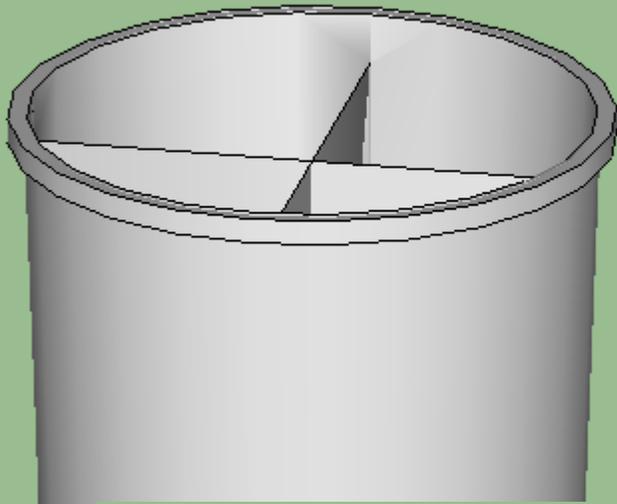


SimSan BucketMate Toilet

Four cells in a bucket gives the bucket much more capacity and allows just a little soil to cover and sanitarily deal with the feces. Four cells can easily be made in any bucket using wood or plastic to make the partitions. Feces without the urine and with a little dry soil added, can easily be poured out and with very little odor or mess.

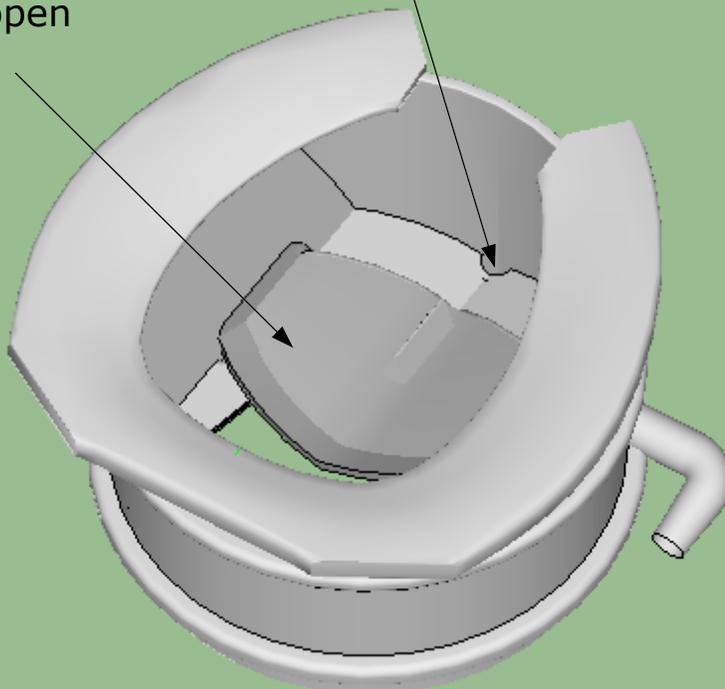


Four cell bucket

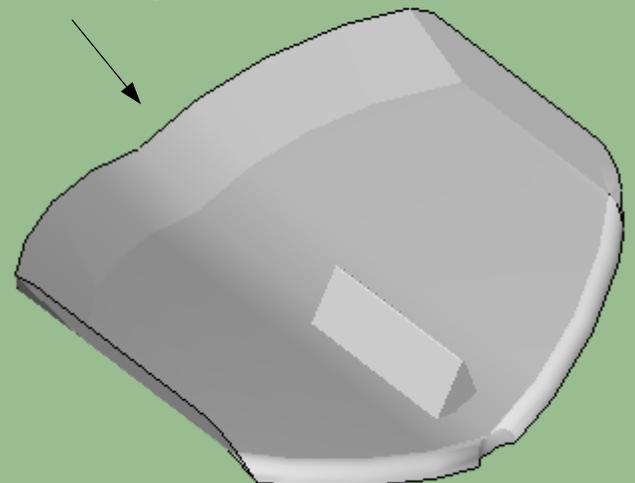


Urine exits here

Gate partially open



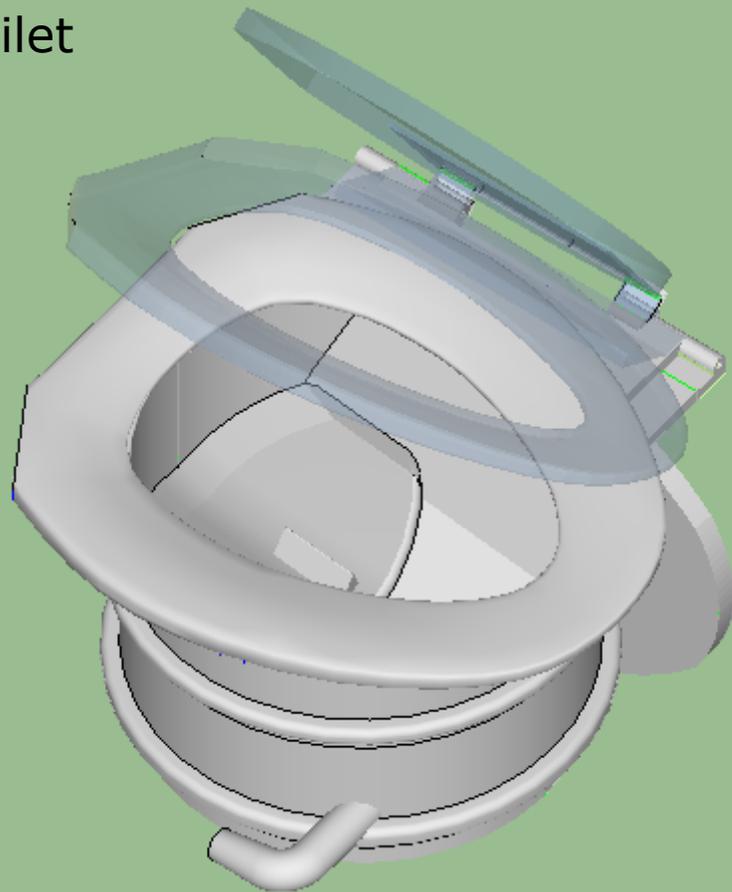
Uniquely designed gate effectually intercepts urine.



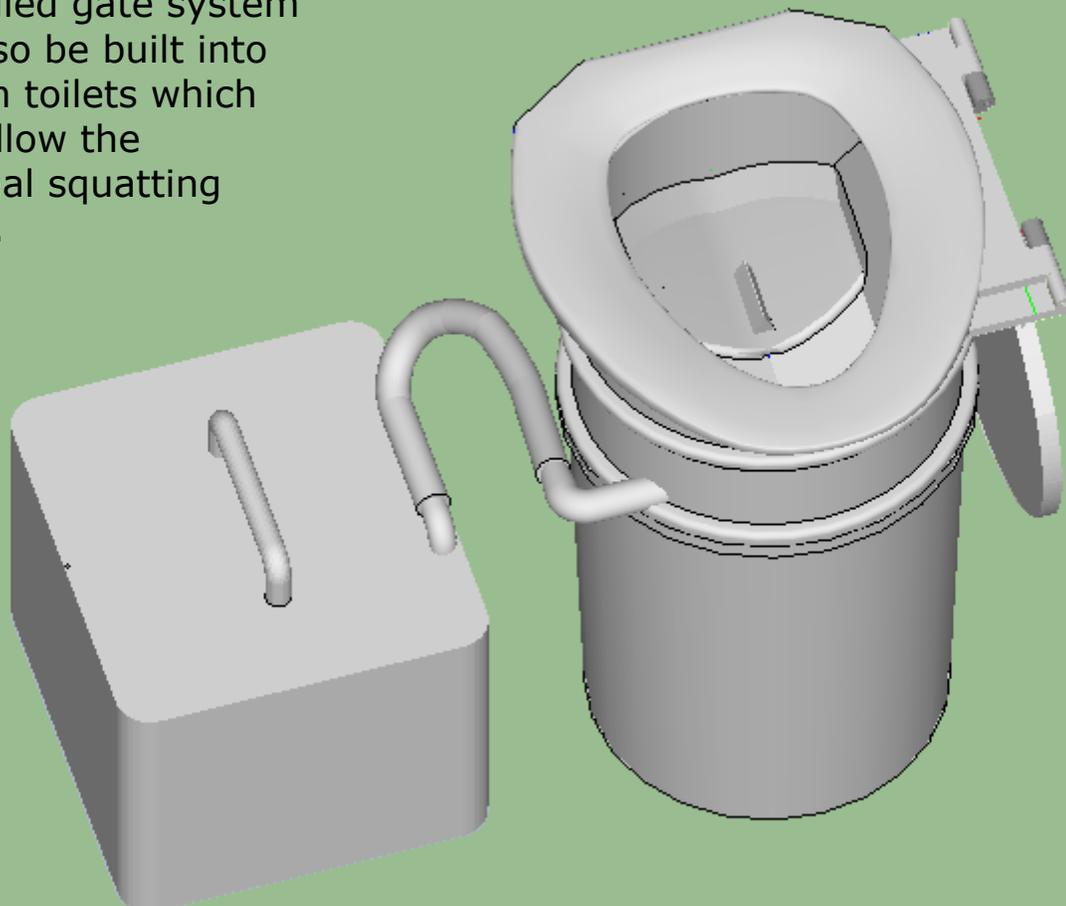
SimSan BucketMate Toilet

This is a more elite model that has a hinge away seat and lid.

This toilet could be setup in a simple teepee or indoors with the urine draining to an outside container, or set up as below.



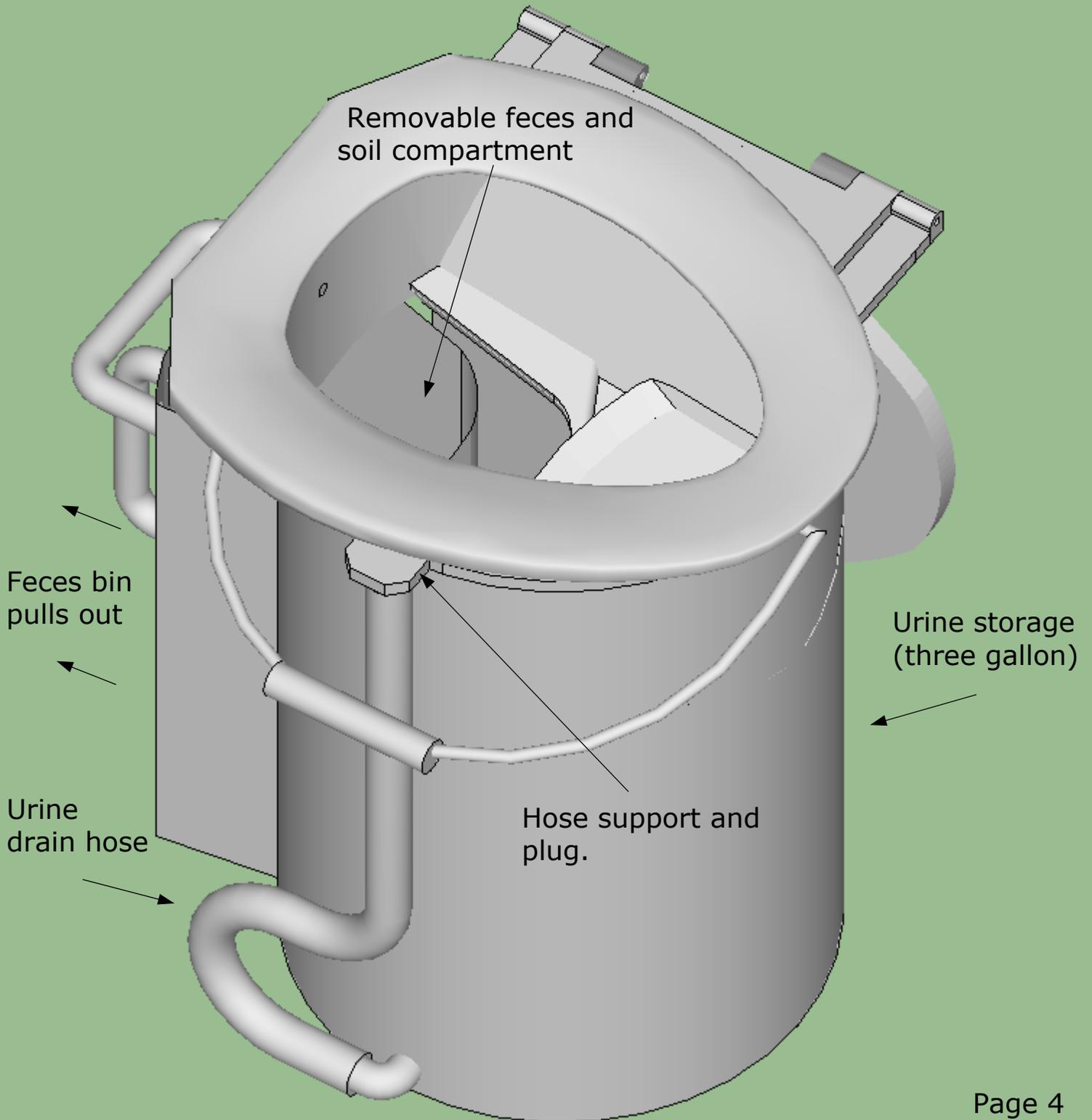
This angled gate system could also be built into floor pan toilets which toilets allow the traditional squatting position.



SimSan Toilet

This particular model could be used in many applications.

This portable and self contained model includes an easy to empty feces-soil bin (somewhat like an ash tray on a wood stove), and an easy to empty urine system. If used properly it can be used indoors and be as odor free as a flush toilet, and further be emptied with very little odor. This toilet can be used for light use or easily setup for extensive usage. It has capacity for two people for about three days.



Possible Manner Of Making Slots To Apply Urine

Possibly two quarts of urine would be poured into each slot. The narrow slots allow absorption with little odor and loss of fertilizer value.

